

FIG. 1

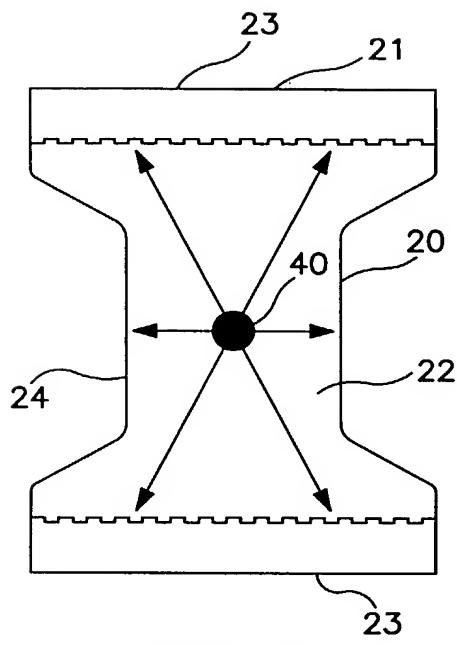


FIG. 2

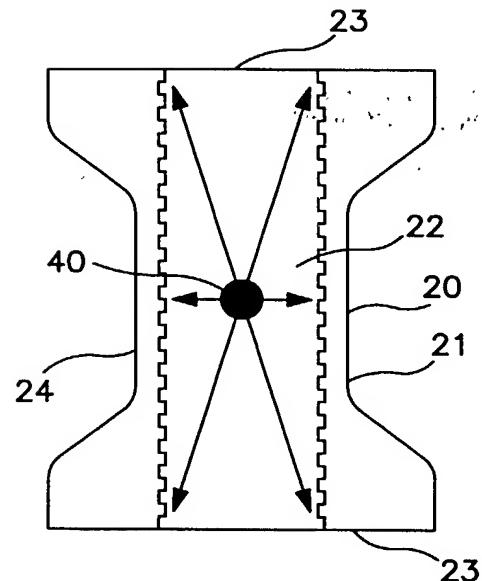


FIG. 3

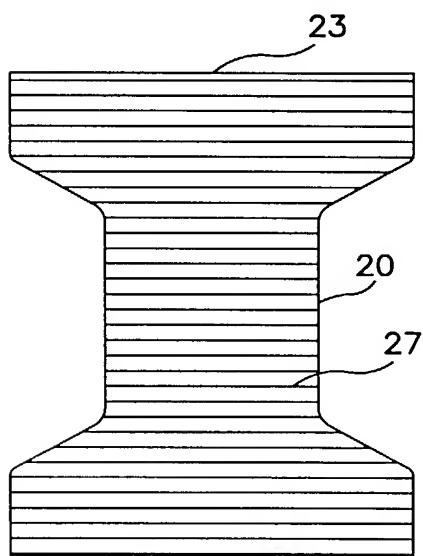


FIG. 4

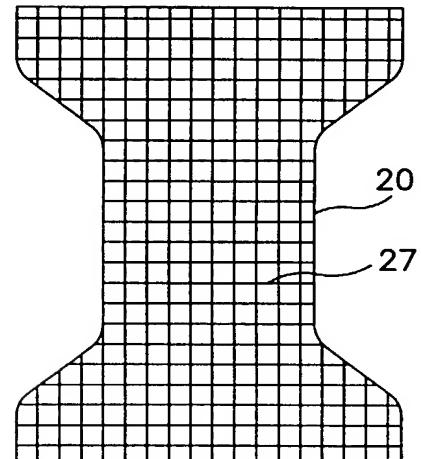
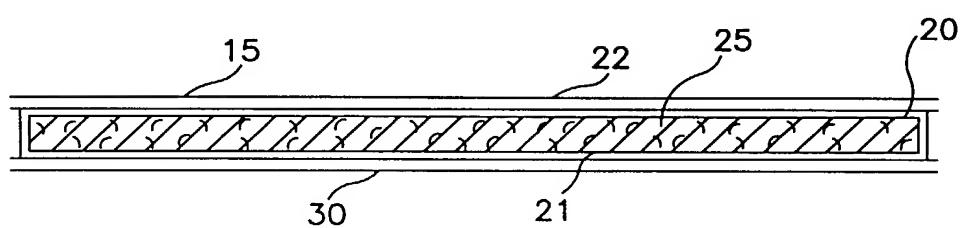
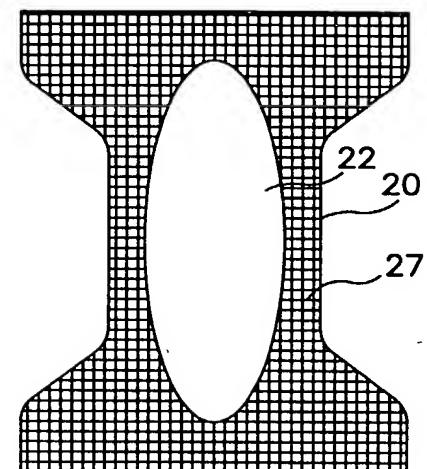
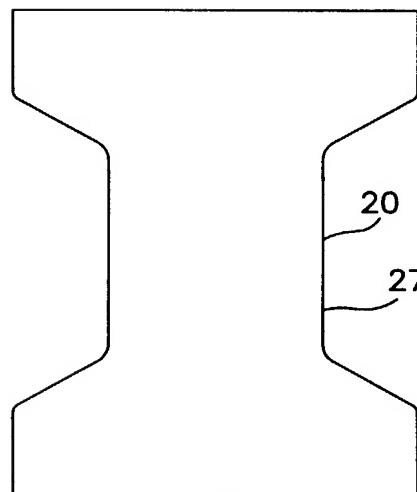


FIG. 5



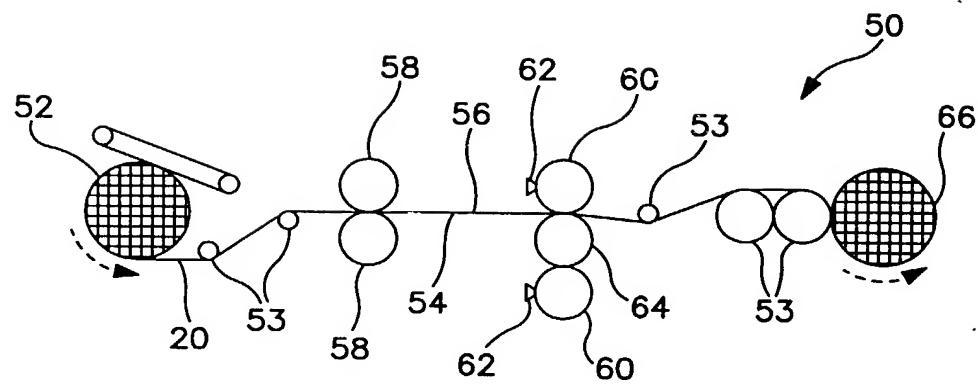


FIG. 9

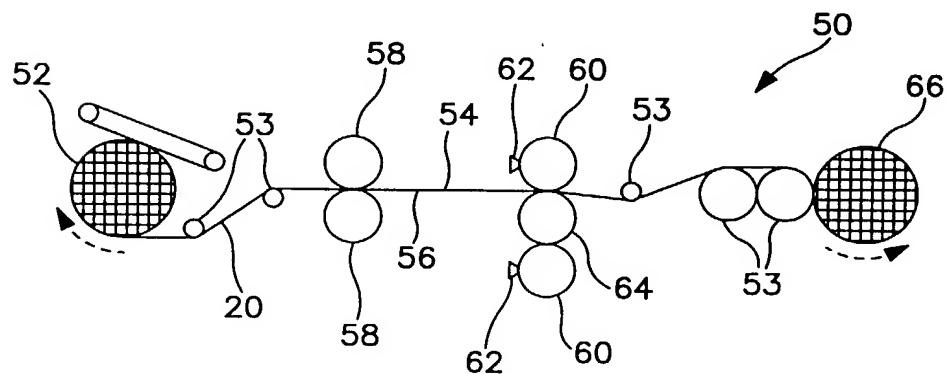


FIG. 10

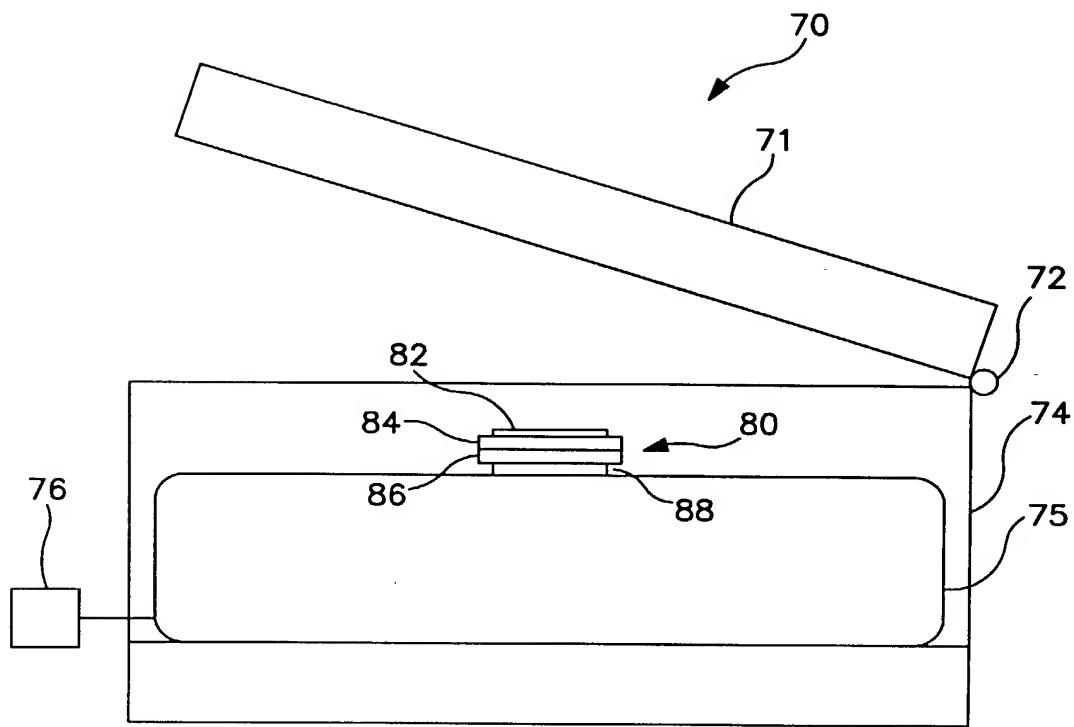


FIG. 11

REWET UNDER LOAD @ 50% SATURATION RESULTS FOR MULTI-LAYER SYSTEM.

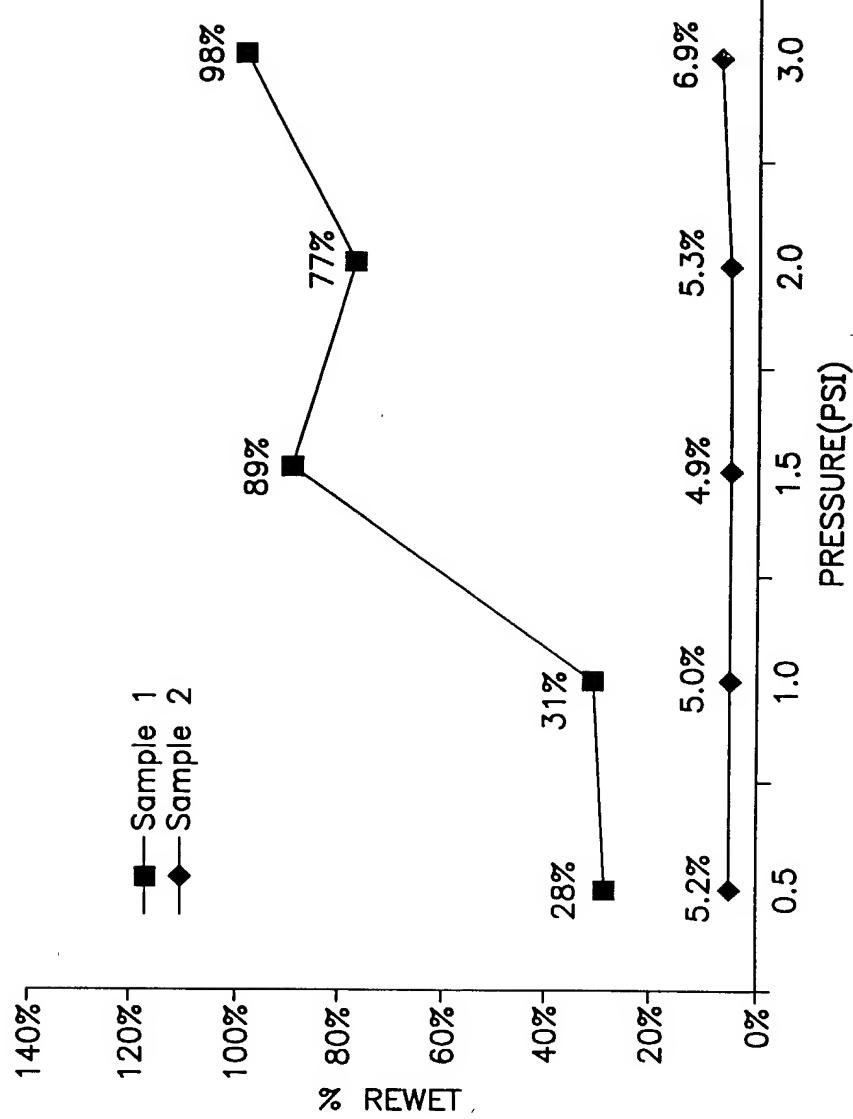


FIG. 12

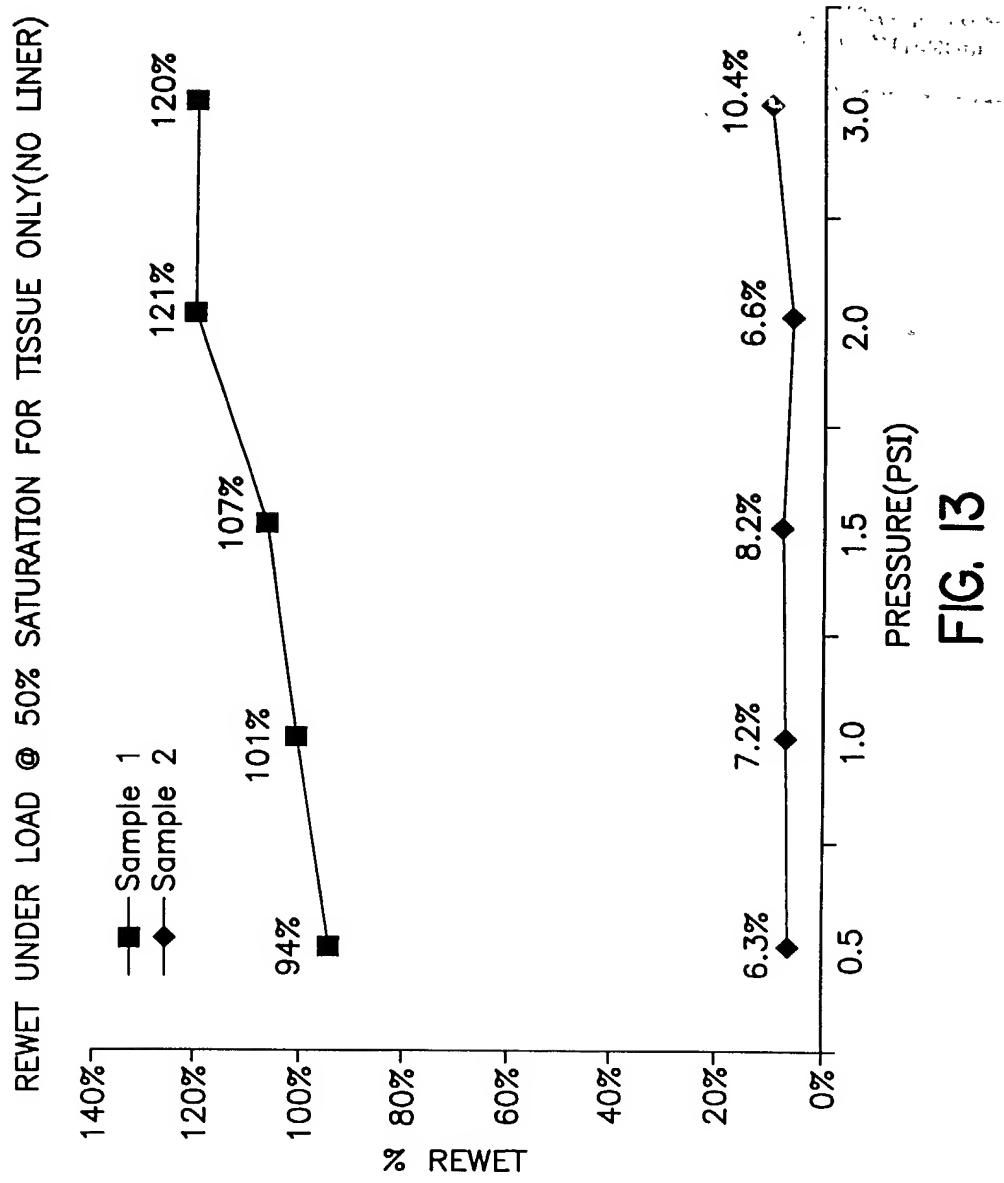


FIG. 13

DRYNESS IMPROVEMENT DUE TO HYDROPHOBIC TREATMENT @ 50% SATURATION

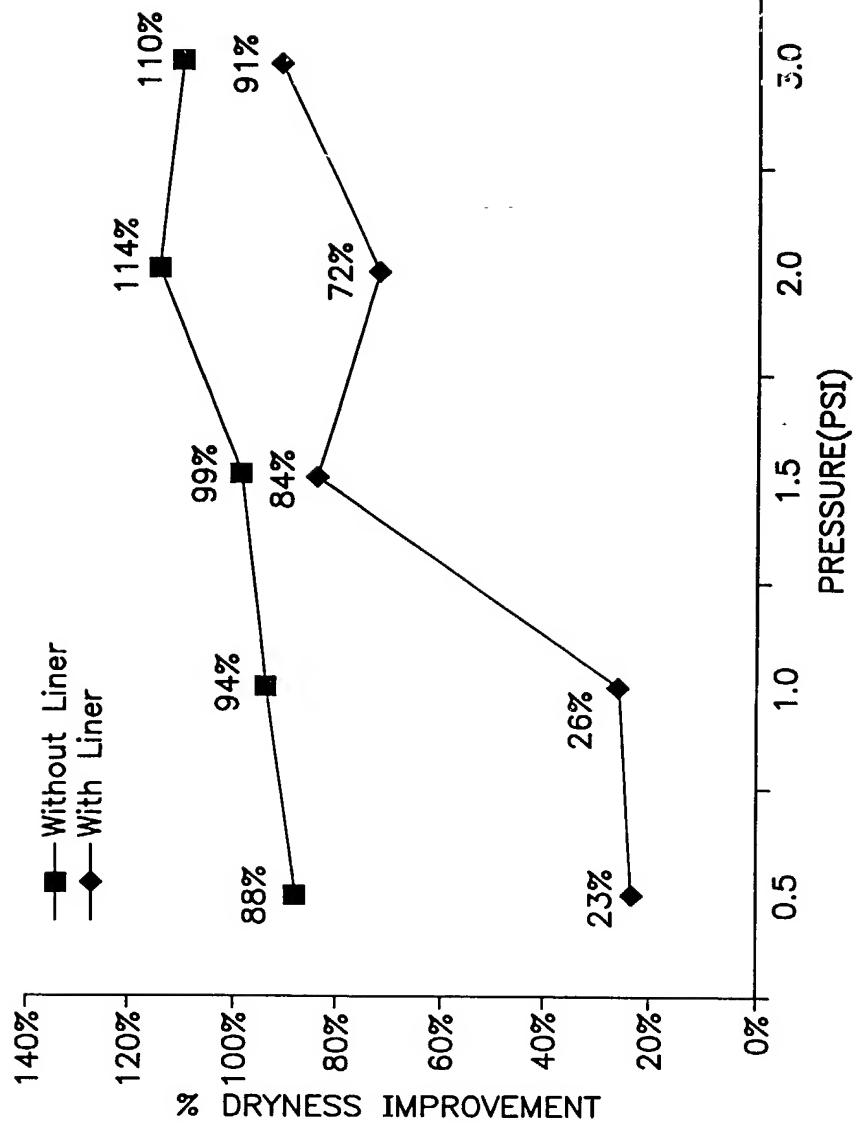


FIG. 14

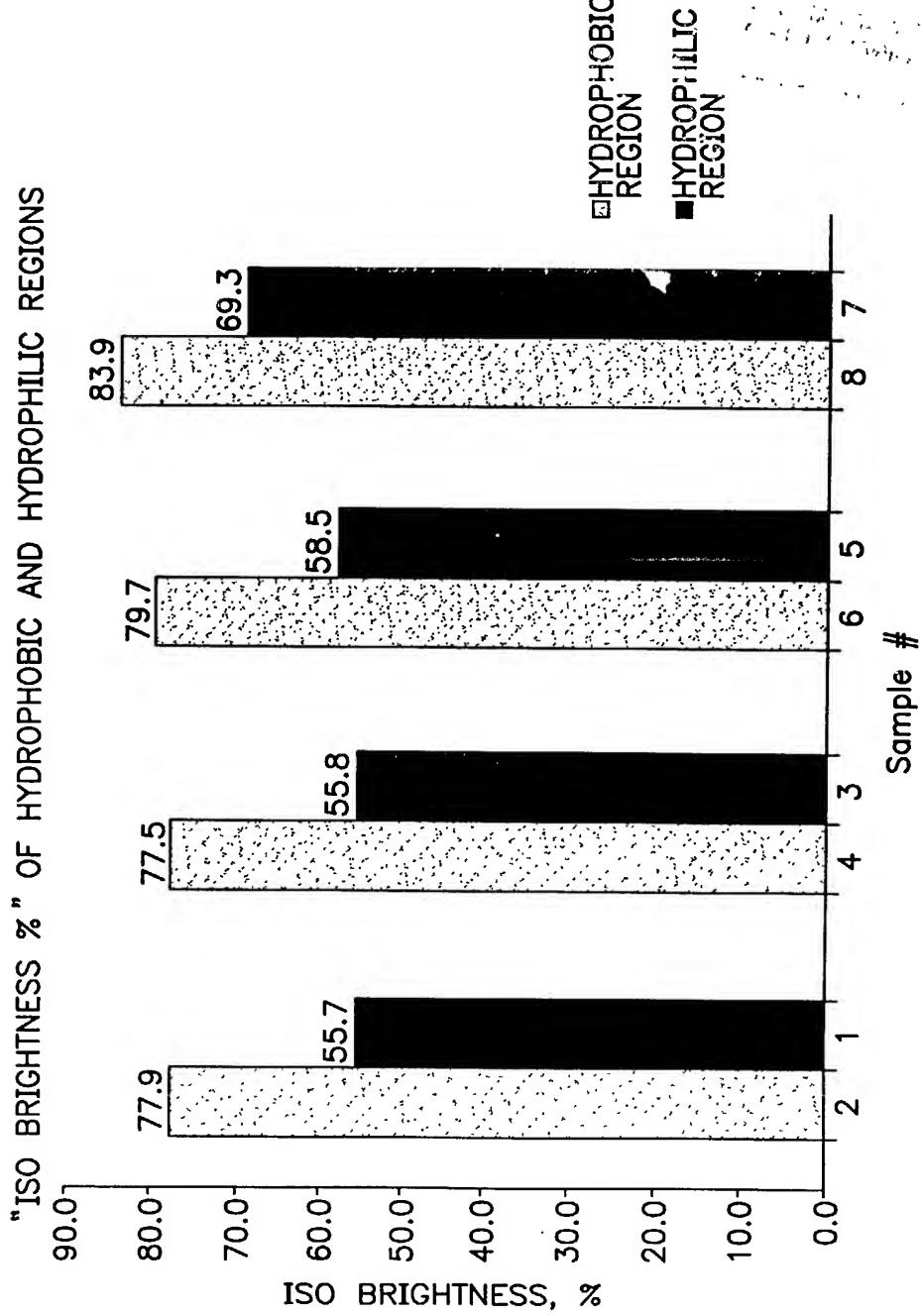


FIG. 15

"COLOR L FACTOR" OF HYDROPHOBIC AND HYDROPHILIC REGIONS

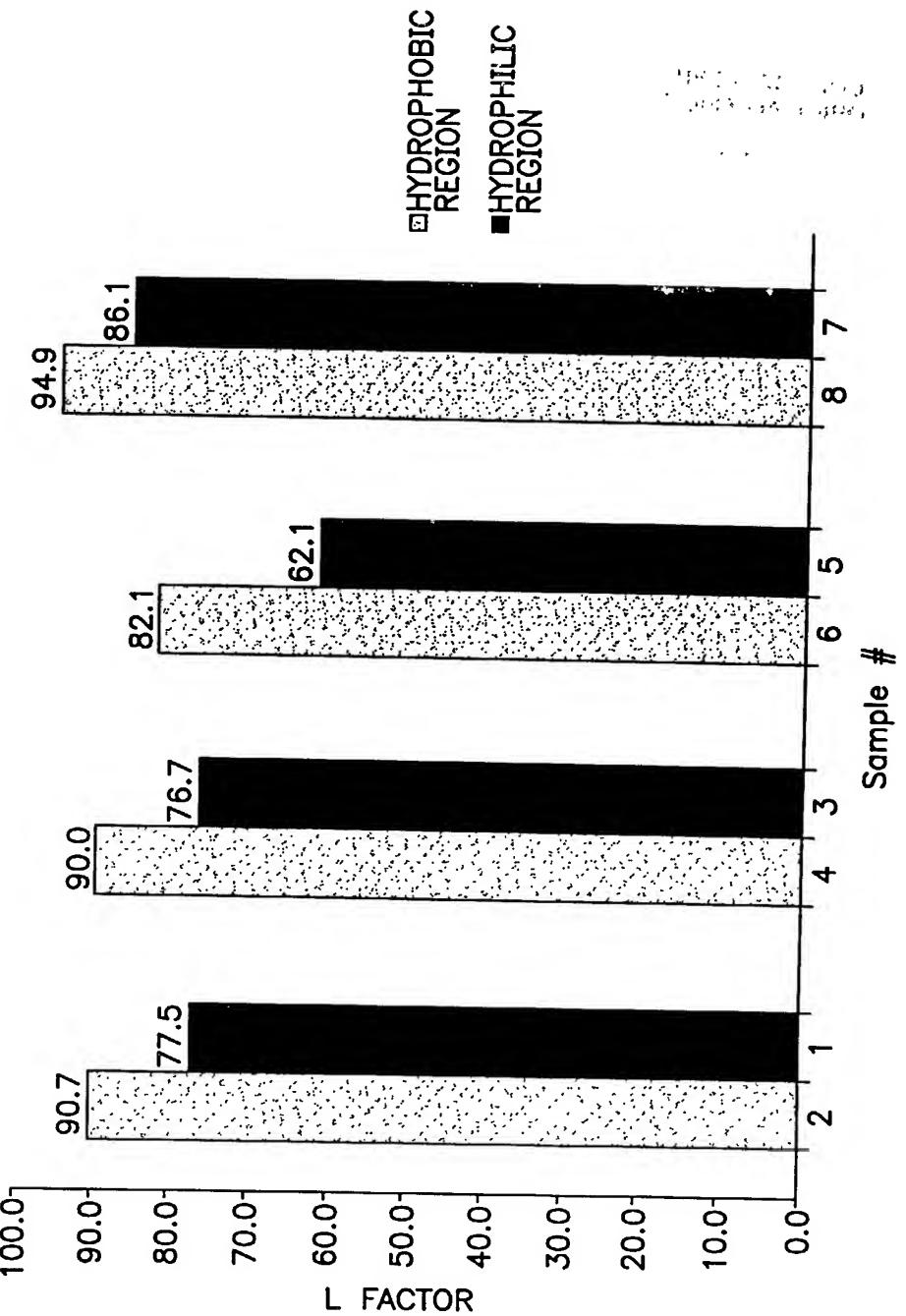


FIG. 16

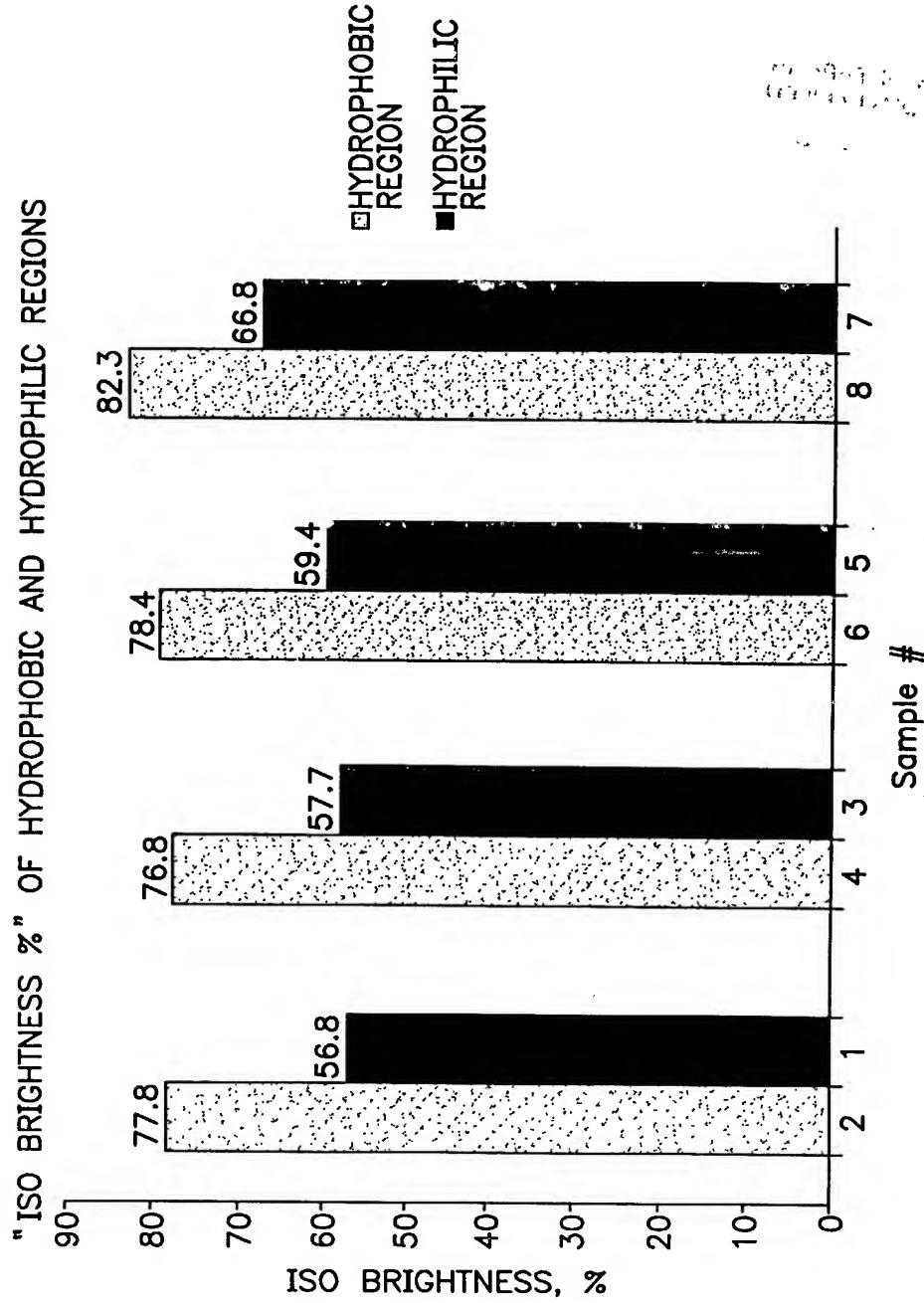


FIG. 17

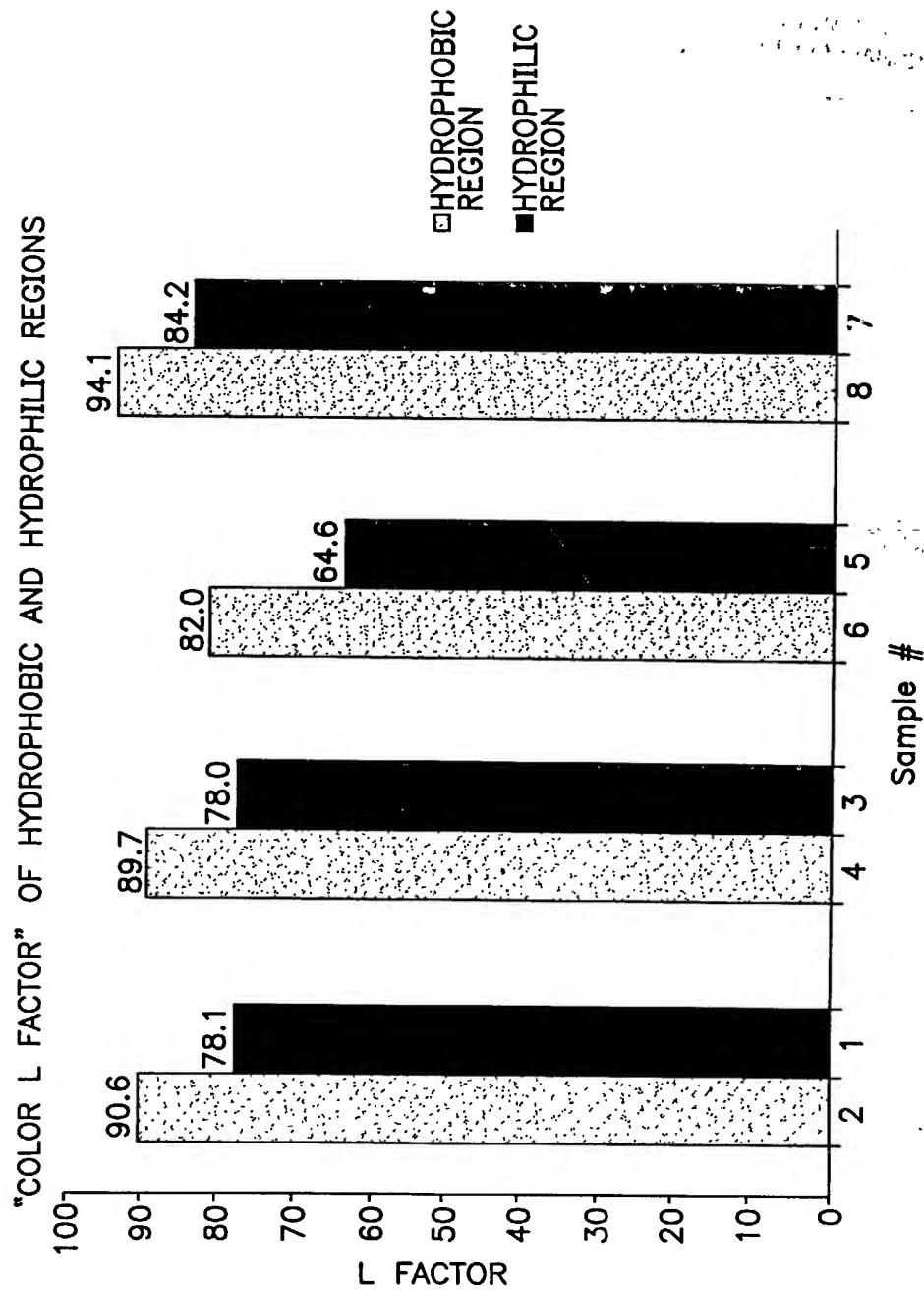


FIG. 18

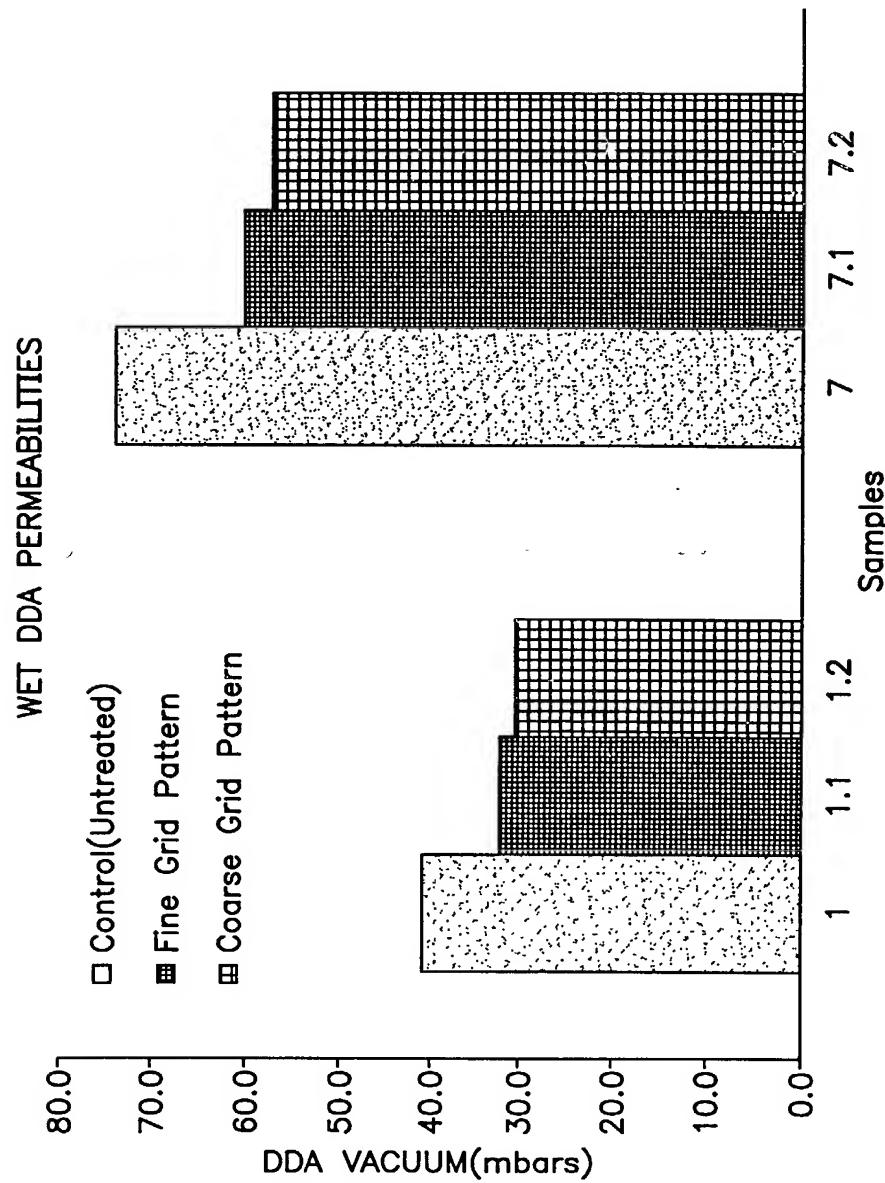


FIG. 19

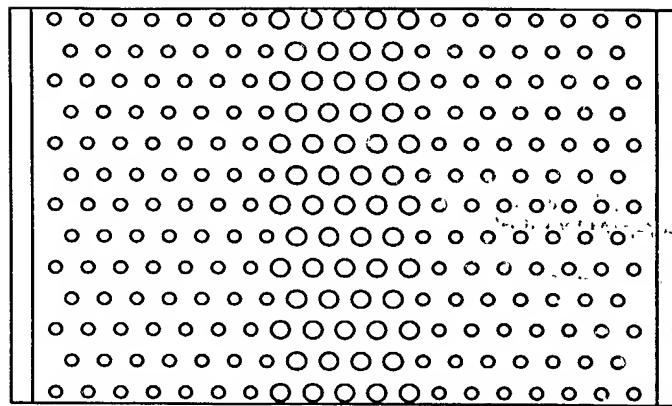


FIG. 20

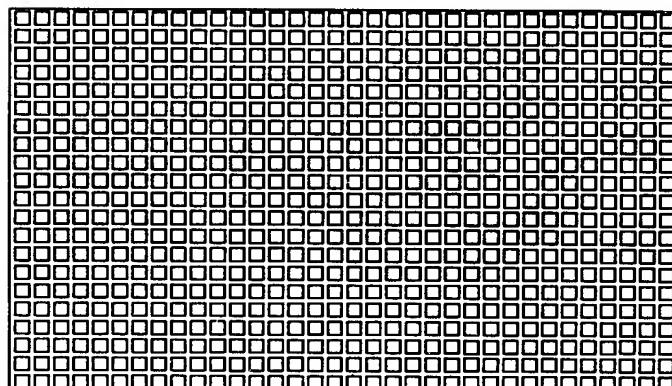


FIG. 21

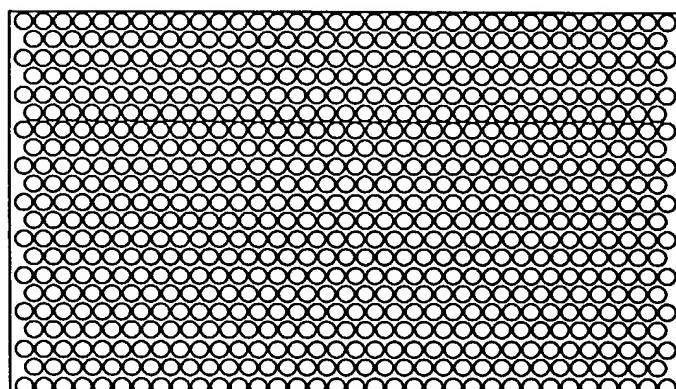


FIG. 22